Speed matters.

High-frequency performance up to 145 GHz for test and measurement applications

Driving accuracy at higher frequencies

High-frequency measurements are becoming essential as next-generation applications push the limits of data speed and signal integrity. In areas such as chip testing and verification, advanced communication systems, and high-performance computing, signals increasingly operate well above traditional frequency ranges, making accurate characterisation critical to detect losses early and validate reliable performance under real operating conditions.

Engineered for precision and repeatability

The HUBER+SUHNER high-frequency portfolio is designed to provide confidence where it matters most — at the limits of measurement. With solutions such as Sucotest™ 110 and 145 assemblies, semi-rigid 110, 125 and 145 cables, as well as MXPM90 and MXPD125 multicoax systems, complemented by PC 0.8 and PC 1.0 compression mount interconnects, it ensures a stable and consistent signal path — enabling accurate, repeatable measurements in demanding high-frequency environments.

Semi-rigid cable assemblies 110 / 125 / 145

Up to 145 GHz

Stable RF transmission for high-frequency routing

- Excellent shielding performance
- Fixed shape after bending
- High mechanical stability
- Low loss signal path
- Precise and repeatable routing

Sucotest™ cable assemblies 110 / 145

Up to 145 GHz

Precision test assemblies for accurate measurements

- High measurement repeatability
- Low insertion loss
- Phase-stable over frequency
- Tight manufacturing tolerances
- Optimized for calibration setups

Compression mount PCB connectors PC 0.8 / 1.0

Up to 145 GHz

Solderless high-frequency interconnect solutions

- Fast installation
- Reusable interfaces
- Consistent RF transition
- Ideal for prototyping

Multicoax connector solutions MXPM90 / MXPD125

Up to 125 GHz

High-density multi-channel interfaces for digital testing

- Parallel signal transmission
- High channel isolation
- Compact footprint
- Repeatable lab connections

More information

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